

Appendix Table 1-28
Perceptions of working conditions of public middle and high school teachers, by teaching field, minority enrollment, and school poverty level: Academic years 2007–08 and 2011–12

(Percent)

	Academic year 2007–08							Academic year 2011–12						
Teaching field/ school characteristic	Student misbehavior interferes	Supportive parents	Necessary materials available	Principal communicates vision	Staff members recognized	Worry about job security due to test scores	Tardiness and class cutting interfere	Student misbehavior interferes	Supportive parents	Necessary materials available	Principal communicates vision	Staff members recognized	Worry about job security due to test scores	Tardiness and class cutting interfere
Mathematics	44.6	59.0	84.8	87.8	76.1	32.6	42.5	48.6	49.6	81.8	82.8	73.9	46.4	46.5
Minority enrollment (%)														
0–5	34.0	70.3	88.9	87.3	72.1	26.8	33.7	37.5	56.8	82.5	81.3	74.0	44.0	43.5
> 5–45	38.9	68.5	88.1	87.0	78.0	28.5	39.0	39.8	57.9	85.0	83.0	74.7	41.4	39.9
> 45	52.5	47.5	80.8	88.6	75.3	37.8	47.9	58.5	40.8	78.8	82.9	73.2	51.4	53.0
School poverty level (%) ^a														
0–10	34.7	77.8	86.9	90.4	75.9	19.1	34.8	33.7	59.3	86.4	82.5	69.2	33.9	37.2
> 10–50	41.4	61.2	87.2	86.2	76.1	31.0	40.8	43.0	55.5	82.9	84.2	75.7	43.7	42.5
> 50	56.0	45.4	79.2	89.3	75.9	41.7	49.1	60.4	39.3	79.0	81.1	72.8	53.7	54.7
Science	44.4	58.8	82.4	85.7	73.0	32.9	44.7	46.3	50.7	76.9	82.3	70.2	44.2	46.2
Minority enrollment (%)														
0–5	38.9	65.0	87.2	84.6	72.8	29.8	35.4	38.3	55.6	79.4	82.0	64.8	41.1	36.2

	Academic year 2007–08							Academic year 2011–12						
Teaching field/ school characteristic	Student misbehavior interferes	Supportive parents	Necessary materials available	Principal communicates vision	Staff members recognized	Worry about job security due to test scores	Tardiness and class cutting interfere	Student misbehavior interferes	Supportive parents	Necessary materials available	Principal communicates vision	Staff members recognized	Worry about job security due to test scores	Tardiness and class cutting interfere
> 5–45	36.1	68.8	86.4	87.0	76.4	29.1	38.9	39.3	58.9	81.8	82.3	71.5	39.7	41.1
> 45	55.5	45.6	76.4	84.6	69.1	38.1	53.9	55.5	40.7	71.2	82.3	69.7	49.7	53.5
School poverty level (%) ^a														
0–10	32.5	70.1	86.8	87.6	76.6	24.2	33.8	34.3	62.8	83.5	78.3	71.1	38.3	36.5
> 10–50	41.9	61.3	83.1	85.1	73.1	32.0	45.1	41.4	56.5	80.2	83.1	69.7	39.0	41.9
> 50	58.4	45.8	77.6	85.6	70.1	40.5	51.5	57.3	38.3	70.4	82.5	70.1	53.6	54.9
Other ^b	38.9	61.6	80.7	87.4	75.0	29.6	39.0	41.5	55.7	78.8	83.4	73.2	41.2	41.4
Minority enrollment (%)														
0–5	29.8	66.0	84.0	85.5	74.8	24.7	32.2	34.9	55.0	79.3	80.9	69.9	39.5	38.6
> 5–45	32.8	68.6	84.2	88.2	77.2	24.9	33.6	34.6	64.1	82.6	84.1	74.5	37.3	35.1
> 45	47.8	53.0	76.1	87.2	72.7	35.9	46.7	50.1	46.8	74.8	83.0	72.4	45.7	48.5
School poverty level (%) ^a														
0–10	25.9	73.5	84.8	88.2	78.1	20.2	28.6	32.4	65.6	83.8	82.5	72.6	36.3	33.7
> 10–50	37.2	64.5	81.4	87.7	75.4	27.6	38.2	35.9	61.4	80.8	83.2	74.0	37.4	38.1



	Academic year 2007–08							Academic year 2011–12						
Teaching field/ school characteristic	Student misbehavior interferes	Supportive parents	Necessary materials available	Principal communicates vision	Staff members recognized	Worry about job security due to test scores	Tardiness and class cutting interfere	Student misbehavior interferes	Supportive parents	Necessary materials available	Principal communicates vision	Staff members recognized	Worry about job security due to test scores	Tardiness and class cutting interfere
> 50	50.1	49.0	76.5	86.3	72.2	39.3	46.6	52.0	44.4	74.5	83.5	71.9	48.0	48.2
NOTES:	^a School poverty level is percentage of students in school qualifying for free/reduced-price lunch. ^b Other teachers include those who teach any subject other than mathematics or science.													
SOURCE:	Teachers asked to indicate agreement with various statements. Response categories include Strongly agree, Somewhat agree, Somewhat disagree, and Strongly disagree. Responses based on teachers answering Somewhat agree or Strongly agree.													
	National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2014) of 2007–08 and 2011–12 Schools and Staffing Survey, National Center for Education Statistics.													
	<i>Science and Engineering Indicators 2016</i>													